ABSTRACT

A manufacturing process method for pneumathode of an inflatable body-heat retaining jacket with layers of a micro-pores PU coating as the base coating and a hydrophilic PU coating as the face coating, which applied upon nylon or polythene fabrics or its interwoven fabrics, and followed by a high frequency welding, to obtain a stable bonded PU coating fabrics, characterized by water vapor permeability, water resistance, and air-tightness. Applying the high frequency welding to the jacket made of PU coating fabrics will generate a pneumathode chamber within layers. Adjustment of thickness thereof can be made by inflating or deflating air through air valves. The body vapor permeates through micro-pores PU coating, thereby reducing uncomfortable sultriness. Vapor thereafter adheres on the breathable PU coating and releases condensation heat to the pneumathode chamber, which also serving for blocking cold air from outside, thereby retaining the body heat.